

1 We claim:

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3 1. A camera assembly which comprises:

4 a housing having a mounting cap attached to sidewalls to
5 which is attached an optical surface, the camera housing enclosing
6 a camera system wherein the optical surface is rotatable relative
7 to the camera housing after the camera system is positioned.
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9 2. A camera assembly having a housing which comprises an optical
10 dome rotatable relative to the housing through the use of a
11 circumferential seal attached to a circumferential flange portion
12 of the housing.
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14 3. A camera assembly as claimed in Claim 2, wherein the seal is a
15 continuous, circumferential bi-level seal that is S-shaped in
16 cross-section, said seal having a first level that includes a first
17 groove that contains a circumferential flange portion of a wall
18 portion of said housing, and a second level that includes a second
19 groove that contains a circumferential flange portion of a wall of
20 said dome.
21

22 4. A camera assembly as claimed in Claim 3, wherein the dome is
23 rotatable in the first groove of the seal, and substantially fixed

1 and immovable in the second groove.

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3 5. A camera assembly as claimed in Claim 1, wherein the dome is a
4 substantially opaque dome with a transparent window, which dome
5 can be rotated to align the camera assembly position with the
6 transparent window.

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8 6. A camera assembly which comprises:

9 a camera housing having a mounting cap attached to a top wall,
10 and sidewalls to which is attached an optical surface, the camera
11 housing enclosing a camera system;

12 an environmental shroud attached to the camera housing and
13 effective to reflect and/or deflect heat energy, dissipate heat
14 energy not reflected or deflected, and protect the camera housing
15 from the ingress of moisture, and

16 an optical dome rotatable relative to the housing through the
17 use of a circumferential seal attached to a circumferential flange
18 portion of the housing.

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20 7. A camera assembly as claimed in Claim 6, wherein the seal is a
21 continuous, circumferential bi-level seal that is S-shaped in
22 cross-section, said seal having a first level that includes a first
23 groove that contains a circumferential flange portion of a wall

1 portion of said housing, and a second level that includes a second
2 groove that contains a circumferential flange portion of a wall of
3 said dome.

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5 8. A camera assembly as claimed in Claim 7, wherein the dome is
6 rotatable in the first groove of the seal, and substantially fixed
7 and immovable in the second groove.

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9 9. A camera assembly as claimed in Claim 6, wherein the dome is a
10 substantially opaque dome with a transparent window, which dome
11 can be rotated to align the camera assembly position with the
12 transparent window.